

Hairun Pei

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3201058/publications.pdf>

Version: 2024-02-01

19
papers

305
citations

933447

10
h-index

888059

17
g-index

19
all docs

19
docs citations

19
times ranked

425
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Overview of Solvent System Selection Strategies for Countercurrent Chromatography. Separation and Purification Reviews, 2023, 52, 305-325. | 5.5 | 2 |
| 2 | In vitro study of the effect of quinoa and quinoa polysaccharides on human gut microbiota. Food Science and Nutrition, 2021, 9, 5735-5745. | 3.4 | 24 |
| 3 | Optimization extraction and purification of biological activity curcumin from <i>Curcuma longa</i> L by high-performance counter-current chromatography. Journal of Separation Science, 2020, 43, 1586-1592. | 2.5 | 16 |
| 4 | Selective microextraction of polycyclic aromatic hydrocarbons using a hydrophobic deep eutectic solvent composed with an iron oxide-based nanoferrofluid. Mikrochimica Acta, 2019, 186, 560. | 5.0 | 34 |
| 5 | A novel methodology for real-time identification of the botanical origins and adulteration of honey by rapid evaporative ionization mass spectrometry. Food Control, 2019, 106, 106753. | 5.5 | 33 |
| 6 | Separation of high-purity eicosapentaenoic acid and docosahexaenoic acid from fish oil by pH-zone-refining countercurrent chromatography. Journal of Separation Science, 2019, 42, 2569-2577. | 2.5 | 11 |
| 7 | Preparative and scaled-up separation of high-purity \pm linolenic acid from perilla seed oil by conventional and pH-zone refining counter-current chromatography. Journal of Separation Science, 2019, 42, 2360-2370. | 2.5 | 8 |
| 8 | Separation and purification of lanosterol, dihydrolanosterol, and cholesterol from lanolin by high-performance counter-current chromatography dual-mode elution method. Journal of Separation Science, 2019, 42, 2171-2178. | 2.5 | 11 |
| 9 | The crystal structure of MICU^2 provides insight into Ca^{2+} binding and MICU^1 - MICU^2 heterodimer formation. EMBO Reports, 2019, 20, e47488. | 4.5 | 24 |
| 10 | Crystal Structures of <i>Candida albicans</i> Phosphodiesterase 2 and Implications for Its Biological Functions. Biochemistry, 2018, 57, 6070-6077. | 2.5 | 0 |
| 11 | Separation of the potential G-quadruplex ligands from the butanol extract of <i>Zanthoxylum ailanthoides</i> Sieb. & Zucc. by countercurrent chromatography and preparative high performance liquid chromatography. Journal of Chromatography A, 2017, 1507, 104-114. | 3.7 | 6 |
| 12 | Phosphorylation of bacterial L9 and its functional implication in response to starvation stress. FEBS Letters, 2017, 591, 3421-3430. | 2.8 | 11 |
| 13 | Expression and preliminary characterization of human MICU2. Biology Open, 2016, 5, 962-969. | 1.2 | 12 |
| 14 | Characterization of DicB by partially masking its potent inhibitory activity of cell division. Open Biology, 2016, 6, 160082. | 3.6 | 6 |
| 15 | PREPARATIVE SEPARATION OF LUVANGETIN FROM <i>ZANTHOXYLUM AILANTHOIDES</i> SIEB. & ZUCC. BY CENTRIFUGAL PARTITION CHROMATOGRAPHY. Journal of Liquid Chromatography and Related Technologies, 2014, 37, 1819-1826. | 1.0 | 4 |
| 16 | Application of counter-current chromatography as a new pretreatment method for the determination of polycyclic aromatic hydrocarbons in environmental water. Journal of Separation Science, 2012, 35, 596-601. | 2.5 | 11 |
| 17 | Development and evaluation of a spiral tube column for counter-current chromatography. Journal of Separation Science, 2011, 34, 2611-2617. | 2.5 | 12 |
| 18 | Separation and identification of polyphenols in apple pomace by high-speed counter-current chromatography and high-performance liquid chromatography coupled with mass spectrometry. Journal of Chromatography A, 2009, 1216, 4268-4274. | 3.7 | 80 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Characterization of DicB Inhibitory Activity in Cell Division Under Stress Conditions. Chemical Research in Chinese Universities, 0, , 1. | 2.6 | 0 |